

Triorites edwardsii

342027

Aequitriradites sp.*

Ilexpollenites sp.

Laevigatosporites ovatus

Microcachrydites antarcticus

Podosporites microsaccatus

Araucariacites australis

Proteacidites sp. cf. P. amolosexinus

Striatiti spp. undiff.*

Cycadopites sp.

Liliacidites sp.

Dacridiumites mawsonii

¹⁰²² ¹⁰⁷⁸
E. 3455-3637 feet. Upper Cretaceous. Tricolpites pachyexinus Zone.

Represented by only two samples, the T. pachyexinus Zone differs markedly from the overlying Nothofagidites microflora by a sharp drop in the relative abundance of spores and pollen, particularly of angiosperm pollen and by the dominance of dinoflagellate cysts. In spite of the number of dinoflagellates the zone fossils Nelsoniella aceras and Deflandrea victoriensis, Hexagonifera vermiculata and H. glabra, Odontochitina porifera, O. cribropoda and O. striatoperforata are present in fair abundance. The section is assigned to the T. pachyexinus Zone because of the presence of Ornamentifera sentosa and Tricolpites gillii, the apparent absence of Nothofagidites spp. and the presence of the dinoflagellates listed above.

Sidewall core 62, 3455 feet.

Fossils are relatively well preserved and include:

Classopollis sp.

Podosporites microsaccatus

Camazonosporites cf. amplus

Cam. bullatus acc. Playford & Dettman

Laevigatosporites ovatus

Simplicepollis meridianus

Dacrydiumites mawsonii

Appendicisporites distocarinatus *

Ornamentifera sentosa

"Triorites edwardsii" acc. Evans (1966, Pl. 11fig. 18).

Amosopollis ?cruciformis

Deflandrea sp. aff. D. cretacea

Defl. belfastensis

Cyclonephelium sp.

Hexagonifera vermiculata

* Probably recycled.